

# Recombinant Human CD70 Protein, Fc-tagged, Alexa Fluor 488 conjugated

**Cat. No.** CD70-891HAF488    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 488 conjugated recombinant human CD70(Gln39-Pro193) fused with Fc tag at C-terminal was expressed in HEK293 cells.                                      |
| <b>Species</b>          | Human                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                              |
| <b>ProteinLength</b>    | 39-193 a.a.                                                                                                                                                         |
| <b>Description</b>      | Cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells. |
| <b>Molecular Mass</b>   | 44 kDa                                                                                                                                                              |
| <b>Purity</b>           | > 80 % as determined by SDS-PAGE and Coomassie blue staining                                                                                                        |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 488 via amines<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm                           |
| <b>Concentration</b>    | > 50 µg/mL as determined by microplate BCA method                                                                                                                   |
| <b>Storage Buffer</b>   | 1 × PBS, pH 7.4, 10% glycerol.                                                                                                                                      |

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**Conjugation** Alexa Fluor 488

## GENE INFORMATION

**Gene Name** CD70 CD70 molecule [ Homo sapiens ]

**Official Symbol** CD70

**Synonyms**

CD70; CD70 molecule; CD27LG, TNFSF7, tumor necrosis factor (ligand) superfamily, member 7; CD70 antigen; CD27L; CD27-L; CD27 ligand; Ki-24 antigen; surface antigen CD70; tumor necrosis factor ligand superfamily member 7; tumor necrosis factor (ligand) superfamily, member 7; CD27LG; TNFSF7;

**Gene ID** 970

**mRNA Refseq** NM\_001252

**Protein Refseq** NP\_001243

**MIM** 602840

**UniProt ID** P32970

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